

WHAT IS CLAIMED IS:

1. A high saturation flux density soft magnetic film substantially consisting of an $\text{Fe}_x\text{Co}_{1-x}$ alloy ($0.65 \leq x \leq 0.75$) containing 3% or less of Al_2O_3 .

5 2. The high saturation flux density soft magnetic film according to claim 1, wherein the film has a thickness in a range of 100 nm to 1,000 nm.